

1744
A NEW
PHEMERIS

Made in Wiltshire,

After the Old Fashion

for the Year of our Lord 1689

Being the first after Bissextile, or Leap year.

Et a Creatione Mundi.

Wherein may be found the Motions of the Planets with the
Mutual and Lunar Aspects, Eclipses, Solar Ingresses, the In-
crease, Decrease, and Length of the Days, with the Rising
and Setting of the Sun; The Terms and their Returns, In-
clination of Weather; With Remarkable Observations for
Gardening in every Month; With sundry and many other
things, and necessary Rules, Tables and Directions, of ex-
cellent use for young Scholars, and others.

culated for the Meridian of *Broadland*, near the Fa-
mous Town of *Devizes* in the County of *Wilt*, where
the Pole-*Arctick* is elevated above the *Horizon*, 51° 41 m.

By *William Davis*, Student in the *Mathematicks*.

LONDON: Printed by R. R. for the Company
of STATIONERS.

Common Notes, and Moveable Feasts, for this Year 1689

Golden Number	18
Circle of the Sun	18
Epact	18
Dominical Letter	F
Shrove Sunday	February 10
Easter Day	March 31
Ascension Day	May 9
Whit-Sunday	May 19
Trinity-Sunday	May 26
Advent-Sunday	December 1

ACHRONOLOGY

From the Creation of the World, according to the

Græcian Church	7188
Roman Church	6888
Hebrew and Jews	5649
Holy Writ	5638
Birth of Christ	1689
Mahomet left Cheating the Turks	1091
The Calender corrected	1091

TO THE

Truly Learned and Loyal Gentleman

HIS MOST

Honoured and Noble Friend,

THE

Worthy and Honourable

THOMAS NEALE

OF

LONDON, Esquire.

WILLIAM DAVIS

Wisheth him all Happiness imaginable, with Health
and Prosperity in this Life, and Eternal Joy in the
Life to come.

and to intimate the Reality and Candor of his Re-
spects, and in humble Acknowledgment of several
Favours received, Assumes (once more) the
Boldness to Present and Dedicate these his (this
Years) poor

ASTRONOMICAL RECREATIONS

William Davis
Roomham die Lume,
Augusti 27. 1688.

TO THE READER.

This is the Third Year of my appearing in Print in this Nature, and I hope it's as lawful for me as another. Let those that have observed the Predictions of the Inclination of Weather in my last years Almanack, judge whether I predicted true or false; I am certain most times true. Yet let poor Artists write what they will, 'tis as possible to cut out a Coat fit for the Moon as to write an Almanack to please every man; but wise Men will suspend, and the vain-glorious only Carp, which is more easier than to Copy: I can patiently pass the Censures of those who keep Carping as a constant Page to their Tongues: and fear not the Sentence of the wise, neither care I for the Censure of the foolish.

*Thine, and a true Lover of all
that are Mathematically inclined*

William Davis.

Table to know when the Terms begin and end

with their Returns for this present Year 1689.

1 st Term begins the 24 th of January, and ends the 13 th of February, and hath 4 Returns.		1	Octob. Hill. Januar.	20
		2	Quind. Hill. Jan.	27
		3	Craft. Purif. Feb.	4
		4	Octob. Purif. Feb.	10
2 ^d Term begins the 17 th of April, and ends the 13 th of May, and hath 5 Returns.		1	Quind. Pas. Apr.	15
		2	Tres. Pasch. Apr.	22
		3	Mens. Pasch. Apr.	29
		4	Quinq. Pasch. May	6
		5	Craft. Ascend. May	10
3 ^d Term begins the 3 rd of May, and ends the 3 rd of June, and hath 4 Returns.		1	Craft. Tria. May	17
		2	Octob. Tria. May	23
		3	Quinq. Tria. June	10
		4	Tres. Tria. June	17
4 th Term begins the 1 st of October, and ends the 1 st of November, and hath 6 Returns.		1	Tres. Mich. Octob.	20
		2	Mens. Mich. Octob.	27
		3	Craft. Advent. Nov.	3
		4	Tres. Advent. Nov.	10
		5	Octob. Advent. Nov.	17
		6	Quind. Mary. Nov.	20

January hath XXXI Days.

The old Years pass, the new doth now begin.

Put off the old Man, abandon deadly Sin.

M.D.	WD.	Sr. Days. ○ r. and f.	☉ VS	☽ M	♂ m	♀ m	♀ m	♀ m	♀ m	♀ m	♀ m
1	a	Circuit	22	9 29	52	5	5	8 25	1	19	Turbulent
2	b	Sun. set 3	23	10 11	47	5	5	8 25	2	19	Air, bring
3	c	54	24	11 23	34	6	5	9 26	4	19	cum ☉
4	d	55	25	12 3	21	6	5	10 27	5	19	□ h V
5	e	Day 8 h.	26	14 17	11	8	6	10 29	6	19	□ b v
6	f	Epiphany	27	15 29	9	8	6	11 1	7	19	Apogee
7	g	O.M. do	28	16 11	22	6	8	12 1	9	19	ing snow
8	a	V.L. do	29	17 23	52	6	6	13 2	11	19	or rain,
9	b		30	18 6	41	6	7	13 3	12	19	perhaps
10	c	Sun rise 8.	1	19 19	49	6	7	14 4	14	19	Frosty.
11	d		2	20 3	14	6	7	15 6	15	19	△ Th
12	e		3	22 17	4	6	7	15 7	17	19	Darke glo
13	f	I p Epiph	4	23 0	49	6	8	16 8	18	19	dy. snow
14	g		5	24 14	15	6	8	17 10	20	19	□ ○ h
15	a	Day 8 h.	6	25 28	15	6	8	18 11	21	19	weather.
16	b	30	7	26 13	1	6	8	18 12	23	19	down -
17	c		8	27 27	7	6	9	19 13	24	19	♂ ○ ♀
18	d		9	28 11	11	6	9	20 14	26	19	Remif. of
19	e		10	29 25	14	6	9	20 16	27	19	Perrig
20	f	2 p Epiph	11	30 9	11	6	9	21 17	29	19	cold, but
21	g	Agnes	12	31 23	1	6	9	22 18	31	19	the snow
22	a		13	31 7	56	6	10	22 19	2	19	ends with
23	b		14	32 20	56	6	10	23 21	4	18	snow, win
24	c	Term beg	15	33 4	20	6	10	24 22	5	18	□ b Q an
25	d	Conc. P	16	34 17	36	6	10	24 23	7	18	rain, and
26	e	Polycarp.	17	35 0	33	6	11	25 24	8	18	doubt a-
27	f	Sepmaget	18	36 13	13	6	11	26 25	10	18	♂ ♀
28	g	Sun r. 7. 25	19	36 25	35	6	11	27 27	13	18	□ ♂ ♀
29	a		20	37 7	42	6	11	27 28	14	18	cum ☉
30	b	H. Ch. M.	21	38 19	38	6	12	28 29	15	18	bundantly
31	c	Sun f. 4. 44	22	39 1	27	6	12	29 17	17	18	Apogee

January, 1639.

Left Quarter the 3 day, at 1 in the afternoon.
 New Moon the 11 day, at 10 in the morning.
 First Quarter the 18 day, at 8 in the morning.
 Full Moon the 25 day, at 10 in the morning.

Aspects.

Remarkable Observations

☉	☿	♂	♀	♂	♀
10	17	2			
1	8	5	*		
20	14	1	*		
9	22	18	6		
22	5	8	20		
9	16	5	18		
14	18	9	18		
28	16	26	6		
14	22	8	4		
8	4	11	2		
22	11	8	2		
4	8	15			

In this month Trench Ground, pre-
 pare Soil, dig Borders, the Roots of
 Trees, uncover Quicksets; Plant and
 Transplant Fruit-trees, set and prune
 Vines; nail Wall-fruit. Cyons gather
 in moist weather, cleanse Trees of
 moss. Set and sow Pease and Beans;
 sow Chervile, Lettice, Raddish, and
 other Salad Herbs; plant and set Ker-
 nels and Stones.

☿ with the moon 4 day, at noon.
 ♀ with the moon the 7 day, at 1 in
 the afternoon.
 ☿ with the moon the 16 day, at mid-
 night.
 ♀ with the moon the 11 day, at 8 at
 night.
 ♀ with the moon the 14 day, at 8 in
 morning.

*Fear God, the King they
 Then shall we be in the way.*

February hath XXVIII Days.

- ♂ with the moon the 5 day, at 1 in the afternoon.
- ♂ with the moon the 8 day, at 4 in the afternoon.
- ♀ with the moon the 10 day, at 11 in the morning.
- ♀ with the moon the 12 day, at 2 in the afternoon.
- h with the moon the 28 day, at 4 in the morning.

W. D.	Sun. Day	☉	☽	h	4	6	8	10	12	14	16	18	20	22	24	26	28	Notes
1	U	Sun r. 7	15	23	39	13	16	6	12	25	1	19	18	The wea				
2	e	Pur. V. M.	24	4	25	6	6	12	V	2	20	18	ther in-					
3	a	Sexages	25	4	7	7	4	13	1	4	22	18	different					
4	g		26	4	19	16	6	13	2	4	24	18	consider-					
5	a	7 Stars S.	27	4	1	V	46	6	13	2	6	26	18	ing the				
6	b	3. 22. nig	28	4	14	38	6	13	3	7	27	18	season.					
7	c		29	4	27	54	6	14	4	8	29	17	☉	☽				
8	d	Sun r. 7.	☉	43	11	32	6	14	4	10	3	17	Rain or					
9	e		1	43	25	32	6	14	5	11	3	17	snow.					
10	f	Quinquag	2	44	9	40	6	14	6	12	5	17	* h	☉				
11	g		3	44	24	18	6	14	6	13	7	17	* ♂	☽				
12	a	Shr. Tues	4	44	8	γ	50	6	15	7	14	8	17	Δ h	☉			
13	b	Alb-wedn	5	45	23	21	6	15	8	16	10	17	* 4	☽				
14	c	Valentine	6	45	7	☉	47	6	15	8	17	12	17	Δ	☉			
15	d		7	45	22	2	6	15	9	18	14	17						
16	e	Day 10 30	8	45	6	II	6	6	16	10	19	16	17	Perse				
17	f	Quadrag	9	46	19	59	6	16	11	20	18	17	Variable					
18	g		10	46	3	☉	41	6	16	11	21	20	17	weather				
19	a		11	46	17	7	6	16	12	23	22	17	to the					
20	b	Sun r. 6 36	12	46	0	☉	27	6	17	13	24	24	17	* ☉	☽			
21	c		13	46	13	32	6	17	13	25	25	17	months					
22	d		14	46	26	25	6	17	14	26	27	17	end.					
23	e	Day 11, h	15	46	9	γ	0	6	17	15	27	29	17					
24	f	St. Math	16	46	21	30	6	17	16	28	γ	17						
25	g		17	46	3	43	6	18	16	29	2	17						
26	a	Sun r. 6 23	18	46	15	48	6	18	17	☉	4	16	☉					
27	b		19	45	27	42	6	18	18	2	6	16						
28	c		20	45	9	γ	34	6	18	18	3	7	16	☉				

Last Quarter the 2 day, at 2 in the morning.
 New Moon the 9 day, at 2 in the afternoon.
 First Quarter the 16 day, at 3 at night.
 Full Moon the 24 day, at 2 in the morning.

Aspects					Remarkable Observations	
☾	☽	☿	♂	♀		
☐	3			☐		
23				☐		
	*			☐		
16	*			☐		
10				☐		
14				☐		
9				☐		
11	19			☐		
	*			☐		
8	10			☐		
22	21			☐		
	13			☐		
5	16			☐		
8	1			☐		
14	5			☐		
	8			☐		
8	18			☐		
14				☐		
	4			☐		
16	*			☐		

In this Month you may also
 set Kernels and Stones, and plant
 fruit Trees, Vines and Hop
 Cut and lay Quickset; sow
 Beans, Pease, Raddish, Parsnips,
 Carrots, Onions and Garlic
 Plant Cabbage Plants, Horseradish
 Colliflowers, Parsly, Spinage, and
 other hardy Pot-herbs; your
 Trees cleanse from Moss and
 Canker. Earth up the uncover-
 ed Roots of Trees, and begin to
 Graft for Apples, Pears, Plums,
 Cherries, &c. — Make your hot
 Beds for the first Melons and
 Cucumbers; cleanse from your
 Trees the Webs and Carter-pil-
 lars, &c.

March hath XXXI Days.

♂ with the moon the 6. at Noon.
 ♀ with the moon the 8. at 1 in the Afternoon.
 ♀ with the moon the 12, at 11 in the morning.
 ♀ with the moon the 14, at 2 in the Afternoon.
 ♀ with the moon the 17, at 8 in the morning.

M.D.	W.D.	St. Days. O. and F.	☉ K	☾ M	h	4	♂ VS	♀ O	♀ V	♂ V	Weather. M. A. P.		
1	D	David B.	21	45	21	22	6	18	19	4	9	16	Cold
2	E	Chad. B.	22	45	3	14	6	19	20	5	10	16	8 h ♀
3	☿	S. Lant.	23	45	15	14	6	19	21	6	11	16	storms of
4	B		24	44	27	24	6	19	21	7	13	16	rain or
5	A	Sun r. 6. 10	25	44	9	VS 1	6	19	22	9	14	16	hail, win-
6	B		26	43	22	40	5	20	23	10	15	16	dy. Fair
7	C		27	43	5	53	5	20	23	11	15	16	weather
8	D		28	42	19	34	5	20	24	12	16	16	fitting the
9	E	Equinoct.	29	42	3	K 41	5	20	25	13	17	16	season,
10	☿	S. Lant.	30	41	18	19	5	20	26	14	17	16	continu-
11	B		1	41	3	V 2	5	21	26	15	17	16	☾ cum
12	A	Gregory	2	40	17	56	5	21	27	16	17	16	ing for
13	B		3	40	2	O 52	5	21	28	17	17	16	veral days
14	E	7 Stars set	4	39	17	36	5	21	28	19	18	16	☾ Perige-
15	D	☿ 11. 28.	5	38	2	II 17	5	21	29	20	17	16	then about
16	A	Night	6	37	16	33	5	22	30	21	17	16	the 24.
17	☿	S. Lant.	7	36	9	52 2	5	22	30	22	16	15	☐ 4 ♀
18	B	D. 12. h. 30.	8	35	14	4	5	22	1	23	15	15	day ex-
19	A		9	35	27	25	5	22	2	24	15	15	pect rain
20	B		10	34	18	23	5	22	3	25	14	15	or snow
21	E	Sun r. 5. 37.	11	33	23	9	5	23	3	26	13	15	perhaps
22	D	☿ 12. 11. 10	12	32	5	17 42	5	23	4	27	13	15	☐ h ♂
23	E		13	31	18	2	5	23	5	28	12	15	* ☉ ☉
24	☿	Palm Sun	14	30	0	14	4	23	5	29	11	15	thunder
25	B	Annunziat	15	29	12	18	4	23	6	11	10	15	☾ cum
26	A	Days 13 h.	16	27	24	16	4	23	7	1	9	15	& Eclipse
27	B		17	26	6	M 9	4	24	8	2	9	15	* ♂ ♀
28	C		18	25	18	0	4	24	8	3	8	15	☾ Apogee
29	D	Sun r. 5. 22	19	24	29	52	4	24	9	4	7	15	rainy wea-
30	E		20	23	11	47	4	24	10	5	6	15	ther ends
31	☿	Easter day	21	21	23	49	4	24	10	6	6	15	* ♀ ♀

March, 1689

1052

Last Quarter the 4 day, at 7 in the morning.
 New Moon the 11 day, at 9 in the morning.
 First Quarter the 18 day, at 1 in the morning.
 Full Moon the 25 day, at 6 at night.

Lower Aspects.

Remarkable Observations

Day	Hour	Minute	Second	Third
1	10	0	*	
2	1	1		△
3		*		
4	19	*	8	△
5	16		22	□
6		0		
7	8	23	0	*
8		3	10	19
9	△	1	*	
10	3	*	16	
11	21		13	0
12		*	□	23
13	8	6	16	
14	4	□	△	0
15		7	18	2
16	6	△		*
17	□	△	10	0
18	13	9	*	□
19		8	18	3
20	△	13	8	10
21	0	*	21	□
22		22	6	
23			△	
24		△	22	8
25	8	△	10	20
26	6	0	23	
27		20	□	
28			13	△
29		12	*	
30	△		20	8
31	19	*	*	9

In this Month Graft and Set
 Sage, Rosemary, Lavender, Thyme,
 &c. Sow Parsnips, Endive, Succo-
 ry, Leeks, Raddish, Beets, Parsly,
 Sorrel, Boglace, Burage, Coltsfoot,
 Smallage, Alisanders, &c. Also
 Lettice, Onyons, Garlick, Orach,
 Purslain, Turnips, Pease, Carrots,
 Cresses, Marjoram, Basil, &c. —
 Transplant Medicinal Herbs, and
 Asparagus roots; dress and sing
 Strawberry beds; plant Jasmine
 and Anisomy roots; transplant
 Carnation seedlings; fence your
 choice Animonies, Auriculus, &c.
 with Mats from nipping Frosts.

April hath XXX Days.

♂ with the moon the 4 day, at 10 in the morning.

24 with the moon the 5 day, at 5 in the morning.

with the moon the 8 day, at 3 in the morning.

♀ with the moon the 12 day, at 11 at night.

h. with the moon the 23 day, at 10 in the morning.

M.D.	W.D.	Day	☉	☽	h	4	♂	♀	☿	♂	♂	W.D.
M.D.	W.D.	☉ and f	f	W	m	☿	♂	♀	☿	♂	♂	M. Aff.
1	g		22	20	6	0	4	25	11	7	6	15 Cloudy
2	a		23	18	18	25	4	25	12	8	6	15 with
3	b	Day 13 h.	24	17	1	☿	9	4	25	13	9	5 15 some
4	c	20.	25	15	14	16	4	25	13	10	5	14 * ☉ 2
5	d	Sun 16 56	26	14	28	50	4	25	14	10	5	14 showers
6	e	1799	27	12	11	☿	51	4	25	15	12	D 14 of rain.
7	f	Low-fund	28	11	26	20	3	26	16	13	5	14
8	g		29	9	11	☿	12	3	26	16	14	6 14 cum
9	a	Day 14 h.	☉	8	26	20	3	26	17	15	6	14
10	b		1	6	11	☉	34	3	26	18	16	6 14 Perig.
11	c		2	4	26	45	3	26	18	17	7	14
12	d	Sun 14 56	3	3	11	☿	40	3	26	19	18	7 14 8 h 2
13	e		4	1	26	113	3	27	10	19	8	14 Cold storm
14	f	2 p. Easter	4	59	10	☉	20	3	27	21	20	9 14 my wea-
15	g		5	57	24	1	3	27	21	21	9	14 rher for
16	a		6	55	7	☿	16	3	27	22	21	10 14 several
17	b	Day 14 h.	7	54	20	9	3	27	23	22	11	14 days.
18	c	30 0031	8	52	2	☿	44	3	27	23	23	12 14
19	d		9	50	18	3	3	27	24	24	13	14 ♂ ♂ ♀
20	e	Sun 14 41	10	48	27	☿	11	3	28	25	25	14 14 The
21	f	3 p. Easter	11	46	9	☿	12	2	28	25	26	15 14 cum
22	g		12	44	21	8	2	28	26	26	16	14 month
23	a	St. George	13	42	3	☿	0	2	28	27	27	17 13 Apog.
24	b		14	40	14	53	2	28	28	28	18	13 Δ 4
25	c	St. Mark	15	37	26	46	2	28	28	29	19	13 ♂ 4
26	d		16	35	8	☿	42	2	28	29	29	21 13 ends with
27	e	Day 15 h.	17	33	20	43	2	28	☿	☉	22	13 turbulent
28	f	4 p. Easter	18	31	2	☿	50	2	29	1	1	23 13 weather
29	g		19	29	15	6	2	29	1	2	25	13 Δ h
30	a		20	26	27	35	2	29	2	2	26	13 Δ h

1054
April, 4 6 8 10 12

Last Quarter the 2 day, at 10 at night.

New Moon the 9 day, at 7 at night.

First Quarter the 16 day, at noon.

Full Moon the 24 day, at 10 min. past noon.

Lunar Aspects.					Remarkable Observations.	
h	d	♂	♀	☾		
*				☐		
☐	*			☐		
10	☐	♂	△	*	In this Month plant Melons,	
*	5	♂	22	16	8	Cucumbers, and the slips of Ar-
19	△	17				tichokes, Lavender, Thyme, Rose-
9				☐		mary, &c. — Set French Beans
				5	♂	low Lattice, Purslain, Colliflowers,
8	*	9	6			15 Raddish, double Marygolds, sca-
7	11	☐				bious Pinks, Carnations, &c. —
	☐	16		*	Transplant and remove tender	
	☐	♂		17	Shrubs, as Spanish, Jasmine,	
*	△	△	13	11	☐	Mirtles, Oleanders, young Dron-
14	12	1			20	ges, Pomegranates, &c. — If
☐	16			△	winds be past, clip (after show-	
☐		8	8	*	6	ers) Philirea, Alaternus, Cypress,
△	*	14	5	4		Box, Mirtles, Barba-Jovis, and
12	☐			☐		other rarefile Shrubs.
				10		
				8		
5	△	△	△	13		
22	14	10	11			
	☐	☐				
	3	3				
*	*	*	8	△		
22	16	15	20	2		
				☐		
8				21		

May hath KXXI Days.

♄ with the moon the 2 day, at 11 at Night.
 ♂ with the moon the 3 day, at 6 in the morning.
 ♀ with the moon the 7 day, at 4 in the Afternoon.
 ♀ with the moon the 22 day, at 6 in the Afternoon.
 ♄ with the moon the 20 day, at 1 in the Afternoon.
 ♄ with the moon the 30 day, at 8 in the morning.

DN	☾	Sun. Day	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	W. A. S.
☉	☾	☉ r. and l.	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	W. A. S.
1	b	Ph. & Jac.	21	24	10	17	2	29	3	3	27	13	Windy				
2	c	Sun r. 2	22	24	23	20	2	29	3	4	29	13	* 4	♂			
3	d	lay. Cruc.	23	19	6	* 44	2	29	4	4	0	13	8	h	♂		
4	e		24	17	20	35	1	29	5	5	2	13	with				
5	f	5 p. Easter	25	15	4	† 52	1	29	5	6	4	13	△	♂	♂		
6	g		26	12	19	34	1	29	6	6	5	13	*	♀	♀		
7	h	Sun r. 4. 14	27	10	4	0 38	1	29	7	6	7	13	*	♂	♀		
8	i		28	7	19	0 53	1	29	7	7	8	13	rain.				
9	j	Age. Day	29	5	5	II 10	1	29	8	7	10	13					
10	k	Sun r. 4. 10	0 II	2	20	16	1	29	9	8	12	13	□	☉	♄		
11	l	51 57 0	0	59	3	0 4	1	*	10	8	14	13	Windy				
12	m	5 p. Easter	1	57	19	22	1	0	10	9	16	12	with				
13	n	Term end	2	55	3	0 13	1	0	11	9	17	12	rain or				
14	o		3	52	16	32	1	0	12	9	19	12	hail.				
15	p	Sun r. 4. 4	4	50	29	25	1	0	12	10	21	12					
16	q		5	47	17	0 55	1	0	13	10	23	12					
17	r		6	44	24	9	1	1	14	10	25	12					
18	s	Day 16 h	7	42	6	2 10	1	1	14	11	27	12	△	h	♄		
19	t	Whit. Sun	8	39	18	1 14	1	1	15	11	29	12					
20	u		9	36	29	56	1	1	16	11	II	12	□	♄	♂		
21	v		10	33	11	46	1	1	17	11	4	12	Highwin				
22	w	Sun f. 8. 4	11	34	23	39	1	1	18	11	6	12	▷	Apogee			
23	x		12	28	5	2 36	1	1	19	11	8	12	and rain				
24	y		13	25	17	40	1	1	19	11	10	12	weather				
25	z		14	22	29	50	1	1	19	11	12	12	ends the				
26	a	Trin. Sund	1	0	12	8 30	1	20	11	14	12	♂	☉	♀			
27	b		15	27	24	35	30	1	21	11	17	12	Nat. Au				
28	c	Sun r. 3. 51	17	14	7	13 30	1	21	11	19	12	month.					
29	d	K. C. II. N.	18	11	20	3	30	1	22	10	21	12	□	♂	♂		
30	e		19	8	3	* 7	30	1	23	10	23	12					
31	f	Term ben	20	6	16	26	30	1	23	10	25	12					

May, 1689

Left Quarter the 2 day, at 10 in the morning.
 New Moon the 9 day, at 2 in the morning.
 First Quarter the 15 day, at midnight.
 Full Moon the 24 day, at 2 in the morning.
 Left Quarter the 31 day, at 10 at night.

Latin Appts.

Remarkable Observations

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
☾																															
☽																															
☿																															
♈																															
♉																															
♊																															
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♎																															
♏																															
♐																															
♑																															
♒																															
♓																															

In this Month sow Basil, Sweet
 Marjorem, Thyme, and all the
 most tender Plants. Also sow
 Lattice, Purslain, painted Beans,
 &c. — Look well to your Mel-
 lons, and forbear to cover them
 on the Ridges with Matrices or
 Straw. — Distil Plants for Spi-
 rits and Waters, &c. Pull up
 Weeds before they seed — Give
 your Plants that are housed fresh
 Earth, a handful or more deep,
 loosening the rest with a Fork,
 without wounding the Root; let
 the fresh Earth be very fine and
 good. — Shade your Carnations
 and Gilly-flowers after mid-day;
 plant Stock Gillyflowers in Beds,
 and at the full Moon gather
 Seed. — Take up dry'd Tulips,
 and cover such as are bare.

4 28 4 13
 4 28 4 13

June 1689

New Moon the 7 day, at 8 in the morning.
 First Quarter the 14 day, at 1 in the afternoon.
 Full Moon the 22 day, at 4 in the afternoon.
 Last Quarter the 30 day, at 8 in the morning.

Planets Aspects.

Remarks.

h	u	d	♀	♂
			☐	
*			16	
14	8	*	*	*
	2	5	*	17
			☐	28
		6	☐	
10	△	△	23	♂
	2	5	14	21
			☐	△
			1	
*	*	8	*	
10	8	11	17	
			*	
		8	☐	1
		0	☐	
△	♂	△	△	23
20	6	10	10	
			☐	△
		22	△	22
		7		
*	*	☐	8	
8	6	9	21	4
			☐	
15		*	8	
△		9	△	8
23	♂		17	
△			☐	
5	*		21	
		☐	△	
13	8	*	3	*
			7	

In this Month you may also
 sow *Lattice*, *Chervile*, *Radish*,
 &c. Now cleanse your *Kines* of
 Exorbitant Branches, stopping
 the Joynt. Inoculate *Apricocks*,
Peaches, *Cherries*, *Plumbs*, *Apples*,
Pears, &c. At the full of the
 Moon gather *Herbs*, dry them
 in the Sun. *Aromatick Plants*
 distil; water planted *Trees*, and
 put rotten *Fern* about their
 Stems; gather the ripe Seeds of
 choice *Flowers*. Inoculate *Roses*
 and rare *Shrubs*. Take up your
 rarest *Anemonies*, *Tulip bulbes*,
 and all such *Plants* and *Roots*,
 as endure not well out of the
 Ground, and plant them again.

B

July 1st to XXIV Days.

♀ with the moon the 4 day, at 4 in the afternoon.
 ♀ with the moon the 8 day, at 4 in the afternoon.
 ♀ with the moon the 14 day, at 2 in the morning.
 ♀ with the moon the 22 day, at 4 in the afternoon.
 ♂ with the moon the 27 day, at 10 at night.

[illegible]

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2. With reference to the above, the following information is being furnished:

Moon the 6th day, at 6th at night.

Quarter the 14 day, at 1 in the morning.

Moon the 22 day at 4 in the morning.

B 2

August hath XXXI Days.

♀ with the moon the 1 day, at 6 in the afternoon.
 ♀ with the moon the 4 day, at 11 in the morning.
 h with the moon the 10 day, at 1 in the afternoon.
 ♀ with the moon the 19 day, at 6 in the afternoon.
 ♂ with the moon the 24 day, and ♀ the 30 day.

M.D.	W.D.	Sun. Days.	☉	☽	h	4	5	♀	♂	83	W.D.			
		☉ r. and l.	☉	☽	m	☾	☾	☾	☾	☾	☾			
1	c	Lammas	19	12	1	54	1	27	29	5	15	8	About the	
2	d		20	9	16	9	1	27	29	6	15	8	new moon	
3	e		21	12	6	15	1	27	29	7	14	8	expect re-	
4	f	1 p. Trin.	22	5	14	8	1	27	29	7	13	8	ry bad	
5	g	Sun. r. 4. 4	23	2	27	54	1	26	1	8	13	8	Harvest	
6	a		24	5	9	10	1	26	1	9	13	8	8 h ♂	
7	b		24	5	7	23	55	1	26	1	10	12	8	
8	c	Sun. f. 7. 9	25	5	5	6	30	1	26	2	10	12	8	8 ☉ ♀
9	d		26	5	5	18	48	1	26	2	11	12	8	8 ☉ ♀
10	e	Lawrence	27	5	1	2	51	1	26	2	12	12	8	weather
11	f	11 p. Trin.	28	4	9	12	45	1	26	3	13	12	8	which
12	g		29	4	7	24	34	1	26	3	14	13	8	doubt will
13	a	Day 14 h	30	4	5	6	25	1	25	3	15	13	8	continue
14	b		31	4	3	18	21	1	25	4	16	14	8	* ☉ h
15	c	Assump. M.	31	4	1	6	19	2	25	4	16	15	7	for seve-
16	d	Sun. r. 5. 6	31	3	8	12	47	2	25	4	17	15	7	ral days
17	e		4	3	7	25	25	2	25	4	18	16	7	☉ ☉ ♂
18	f	12 p. Trin.	5	3	5	8	23	2	25	5	19	17	7	*
19	g	☉ : m	6	3	3	21	30	2	25	5	20	18	7	☉ ☉
20	a	1 to Wol	7	3	1	5	36	2	25	5	21	20	7	☉ ☉
21	b	Day 18. 9	8	3	1	19	7	2	25	5	22	21	7	☉ ☉
22	c	1 to 18	9	3	1	7	12	2	24	6	23	23	7	☉ cum ☉
23	d		10	3	1	17	24	2	24	6	24	24	7	8 4 ♀
24	e	8. Barthol.	11	2	1	4	41	2	24	6	25	26	7	8
25	f	13 p. Trin.	12	2	1	15	58	2	24	6	26	28	7	Thunder
26	g		13	2	1	0	11	2	24	6	27	29	7	and rain.
27	a	Sun. r. 5. 27	14	1	1	14	20	2	24	7	28	30	7	☉ ☉
28	b		15	1	1	7	22	2	24	7	29	31	7	* h ♀
29	c	Decol. J.B.	16	1	1	12	30	2	24	7	30	31	7	☉ ☉
30	d		17	1	1	26	8	2	23	7	31	31	7	☉ ☉
31	e	Sun. r. 5. 31	18	1	1	9	43	2	23	7	31	31	7	☉ ☉

August, 1689.

New Moon the 5 day, at 3 in the morning.

First Quarter the 12 day, at 11 at night.

Full Moon the 20 day, at 4 in the afternoon.

Last Quarter the 27 day, at noon.

Lunar Aspects

Remarkable Observations.

☉	☿	♈	♉	♊	♋
△					
□		23			
1	8				
* 21	△	*			
16	6	20			
*	△				
18	5	15	8		
1		3	△	23	
□	□			○	
	2			△	
*				14	
△	*	14	△		
4	3		7	8	
□			□	10	
14			17	8	
△	♈			18	
8	18	6	*		
4			○	△	
				6	
*			□	△	
△	8	12	♈	12	13
17	2	□	8	*	□
	13		18	13	
□		△			
8		17	*		
*	9	15			
7					

In this month prune off superfluous Branches, and Shoots of the second Spring; pull off Suckers. — Pull up ripe Onions and Garlick; gather Oltory seeds, and sow Mary-golds, Lattice, Carrots, Parsnips, Spinnage Endive, Scurvygrass, Columbines, Holy Hocks, and all such Plants as endure Winter. Plant Anemones, slip Gulliflowers, and gather seeds of Shrubs being ripe; sow Parslain, Chard-beet and Cberwil. Make Summer Cyder and Perry; and in the Winter time by the Fires side be merry with it, and give liberally to the poor Neighbours.

September hath XXX Days.

♂ with the moon the 3 day, at 11 in the morning.

It with the moon the 7 day, at 2 in the morning.

24 with the moon the 15 day, at 11 at night.

♂ with the moon the 21 day, at 4 in the morning

♀ with the moon the 29 day, at 2 in the afternoon.

Day	Sts. Days	☉	☽	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Weather.
☉	☉ r. and f.	☉	☽	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	☉
1	14 p. Trin	19	11	23	7	5	23	7	3	10	7	1	♀				☉
2	Sun f. 6.23	20	9	6	19	3	23	7	4	12	7						Sudden
3	14 p. Trin	21	18	19	17	3	23	7	5	14	6						Showers
4	14 p. Trin	22	25	20	2	3	23	7	6	16	6						☉ cum ☉
5	14 p. Trin	23	3	14	58	4	23	7	7	18	6						☉ ☉ ☉
6	Sun r. 5.47	24	4	26	43	4	23	7	8	20	6						of rain.
7	14 p. Trin	25	8	11	45	4	23	7	9	22	6						Indiffe-
8	15 p. Trin	26	12	20	43	4	23	7	10	24	6						rent good
9	15 p. Trin	27	16	27	33	4	22	7	11	26	6						weather.
10	Sun r. 5.56	27	59	14	25	4	22	7	12	27	6						
11	15 p. Trin	28	58	26	19	4	22	7	13	29	6						
12	Equinoct	29	57	8	124	4	22	7	14	31	6						☉ ☉ ☉
13	15 p. Trin	30	56	20	41	4	22	7	15	3	6						Windy
14	Ex Crucis	1	44	3	17	4	22	7	16	5	6						with some
15	16 p. Trin	2	39	16	15	4	22	7	17	6	6						storms
16	16 p. Trin	3	32	29	38	5	22	6	18	8	6						of rain.
17	16 p. Trin	4	52	13	24	5	22	6	20	10	6						
18	Sun r. 6.10	5	51	27	33	5	22	6	21	12	6						☉ ☉ ☉
19	16 p. Trin	6	50	12	3	5	22	6	22	13	6						Eclipsed
20	16 p. Trin	7	49	27	45	5	22	6	23	15	6						
21	16 p. Trin	8	48	11	30	5	22	6	24	17	5						Rain or
22	17 p. Trin	9	47	26	45	5	22	6	25	18	5						☉ ☉ ☉
23	17 p. Trin	10	47	10	49	5	22	5	27	20	5						hail about
24	Sun r. 6.23	11	46	25	9	5	22	5	28	22	5						☉ ☉ ☉
25	17 p. Trin	12	45	9	13	6	22	5	29	23	5						the. 23 on
26	17 p. Trin	13	45	22	59	6	22	5	30	25	5						24 days.
27	17 p. Trin	14	44	6	30	6	21	4	1	27	5						
28	Day 11 h.	15	44	19	45	6	21	4	2	28	5						
29	St. Michael	16	43	2	17	6	21	4	3	30	5						☉ ☉ ☉
30	17 p. Trin	17	43	15	35	6	21	3	5	1	5						



October has 31 NFL Days.

♀ with the moon the 4 day, at 5 in the afternoon.
 ♀ with the moon the 13 day, at 6 in the morning.
 ♂ with the moon the 17 day, at 11 at night.
 ♀ with the moon the 29 day, at 3 in the afternoon.

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7487

First Quarter the 1st day, at noon.

Full Moon the 18 day, at 1 in the afternoon.

Last Quarter the 25 day, at 4 in the morning.

Lunar Aspects.					Remarkable Observations.	
☾	☿	♈	♉	♊		
20	4	♈	♉	♊		
21	8	♈	♉	♊		
♈	18	♈	♉	♊		
4	8	♈	♉	♊		
♈	8	♈	♉	♊		
♈	21	♈	♉	♊		
6	16	♈	♉	♊		
6	23	♈	♉	♊		
♈	♈	♈	♉	♊		
♈	17	♈	♉	♊		
♈	18	♈	♉	♊		
12	9	♈	♉	♊		
1	8	♈	♉	♊		
	2	♈	♉	♊		
♈	♈	♈	♉	♊		
1	7	♈	♉	♊		
	2	♈	♉	♊		
♈	♈	♈	♉	♊		
♈	8	♈	♉	♊		
♈	8	♈	♉	♊		
16	11	♈	♉	♊		
♈	10	♈	♉	♊		
♈	18	♈	♉	♊		
4		♈	♉	♊		
		♈	♉	♊		
		♈	♉	♊		

In this month plant fruit Trees of all sorts, when they have lost their Leaves; and let your Wall-trees be of above a years grafting.—Trench Ground for Orcharding, and Kitchen Gardens. Use Oblaqueations, and laying bare the Roots of old, unthriving, or over-hasty blooming Trees. The Moon decreasing gather Fruit. Plant and plash *Quicksets*; sow all stony Kernels and Seeds, as *Plumbs*, *Cherries*, *Nuts*, *Ash-keys*, *Acorns*, *Crab* and *Pear Kernel*, *Almond Stones*, and plant choice *Tulips*; plant also *Anemonies* and *Ranunculus*, in fresh sandy Earth. Reine *Cormorions*.

November hath XXX Days.

♀ with the moon the 4 day, at midnight.
 ♄ with the moon the 9 day, at 6 in the afternoon.
 ♂ with the moon the 14 day, at 3 in the morning.
 ♀ with the moon the 28 day, at 11 at night.
 ♀ with the moon the 30 day, at 1 in the morning.

MD	WD	Sat. Days	☉	☽	☿	♈	♉	♊	♋	♌	♍	♎	♏	Weather
MD	WD	☉ r. and f.	m	m	m	m	Y	Y	Y	Y	Y	Y	Y	M. A. / p.
1	d	All Saints	19	49	13	44	10	22	24	13	12	3		
2	e	All Souls	20	47	25	42	10	22	24	14	13	3	Rain or	
3	f	23 p. Trin	21	47	7	35	10	23	25	15	13	3	fnov for	
4	g	Sun r. 7.40	22	48	19	32	10	23	23	16	13	3	☐ ☉	
5	a		23	49	1	VS27	10	23	23	17	14	3	several	
6	b	Leonard.	24	50	13	29	11	23	23	19	14	3	days.	
7	c		25	50	25	34	11	23	23	20	14	3	* 4	
8	d	Sun r. 46	26	51	7	30	11	23	23	21	14	3		
9	e		27	52	20	18	11	23	23	22	14	3	8 ♂ ♀	
10	f	24 p. Trin	28	53	2	3	11	23	23	23	13	3	△ 4 ♀	
11	g	Martin Ep	29	54	16	9	11	23	23	25	12	3		
12	a		0	54	29	46	11	23	22	26	11	3	D cum	
13	b		1	55	13	Y50	11	23	22	27	11	3	Note here	
14	c		2	56	28	22	12	24	Di	28	9	3		
15	d	Sun r. 7.56	3	57	13	20	12	24	22	01	8	3		
16	e		4	58	28	35	12	24	23	1	7	3	Cold	
17	f	25 p. Trin	5	59	13	II50	12	24	23	2	6	2	♂ ☉ ♀	
18	g		7	0	29	11	12	24	23	3	4	2	winds and	
19	a		8	1	14	510	12	24	23	5	3	2	rainy	
20	b	Sun r. 8.	9	2	28	43	12	24	23	6	2	2	weather.	
21	c		10	3	12	46	12	24	23	7	01	2		
22	d		11	4	26	20	12	24	23	8	29	2		
23	e	Clements	12	5	9	126	12	25	23	9	29	2		
24	f	26 p. Trin	13	6	22	8	13	25	23	11	28	2		
25	g	Catharin	14	8	4	33	13	25	23	12	28	2	D cum	
26	a		15	9	16	45	13	25	24	13	28	2	h	
27	b	Sun r. 8.6.	16	10	28	47	13	25	24	14	28	2		
28	c	Term end	17	11	10	45	13	26	24	16	Di	2		
29	d		18	12	22	38	13	26	24	17	28	2		
30	e	S. Andrew	19	13	4	33	13	26	24	18	29	2		

1009

New Moon the 2 day, at 1 in the morning.
First Quarter the 10 day, at 6 in the morning.
Full Moon the 16 day, at 10 at night.
Last Quarter the 23 day, at 6 at night.

Near Aspects					Remarkable Observations.	
1	2	3	4	5	6	7
13	18					
		*	△	8	14	
	*	6	8			
	19		□	□		
*			19	17		
□	□				*	
□	6	♂	*	△	12	
18	△	6	5	4	□	
15					7	
△					△	
2	*	♂			18	
8	17	15	8			
22	□		0			
8	17		8			
10	△	*			15	
△	17	15	△			
20	□	7				
△	15	□	△			
19	□	8	△	14	6	
0	21	16	□			
□	*		*	8		
6	7		0	*		
			12			
21	△	8				
	18	15				
♂			♂			
5	□		11	0		
6			13			

In this Month furnish your Nursery with Stocks for Grafting Sow and set early Beans and Pease Lay in your Sellers (to be transplanted in Spring for Seed) Carrots, Turnips, Cabbages, Parsnips and Colliflowers. Gather your last Orchard Fruit dry; dig up your Potatoes, as clean as you can. — Crop Sparragras, and cover it with long Dung, or make Beds to plant in the Spring; plant Tulips under shelter. Plant Forrest trees for Walks, Avenues and Groves. — Also plant fibrous Roots, as Roses, *Althæa frutex*, *Lilac*, *Erythrus*, Peonies. Turn your Melon Ground, laying it in Ridges, &c.

December hath XXXI Days.

♄ with the moon the 7 day, at 9 in the morning.
 ♂ with the moon the 15 day, at 8 at night.
 ♀ with the moon the 26 day, at 6 in the morning.
 ♀ with the moon the 29 day, at noon.
 ♀ with the moon the 30 day, at noon.

M.D.	W.D.	Vis. Days. ☉ r. and f.	☉	☽	h	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Weather M. Aff.
1	a	1st Advent	20	14	16	20	13	26	25	19	29	2	God p									
2	g		21	16	28	28	13	26	25	20	✓	2	serve th									
3	a		22	17	10	V31	14	26	25	22	1	2	King.									
4	b	Sun r. 8. 12	23	18	22	38	14	27	25	23	2	2	Warm									
5	c		24	19	4	33	14	27	26	24	3	2	and ple									
6	d		25	21	17	15	14	27	26	26	4	1	sent.									
7	e	Sun r. 8. 13	26	22	29	48	14	27	26	27	5	1	△ ☉ ♂									
8	f	2d Advent	27	23	12	35	14	27	25	28	6	1	□ ♄ ♀									
9	g		28	24	25	39	14	27	27	29	7	1	* ☉ ♄									
10	a		29	26	9	✓	14	28	27	✓	8	1	☽ cum									
11	b	Sun r. 8. 13	ovp	27	22	57	14	23	27	2	10	1	consider									
12	c	Valerius	1	28	7	13	14	28	27	3	11	1	ing the									
13	d	Lucy V.	2	30	21	55	15	28	27	4	12	1	season.									
14	e		3	31	6	II58	15	28	27	6	14	1										
15	f	3d Advent	4	32	22	10	15	29	28	7	15	1	* ♄ ♂									
16	g		5	34	7	524	15	29	29	8	17	1										
17	a		6	35	22	26	15	29	29	9	18	1	Variable									
18	b		7	36	7	6	15	29	29	11	19	1	Observe									
19	c	Sun r. 8. 12	8	37	21	28	15	29	✓	12	21	1	well.									
20	d		9	39	5	10	15	29	0	13	22	1										
21	e	S. Thomas	10	40	18	12	15	✓	1	14	24	1										
22	f	4d Advent	11	42	0	59	15	0	1	16	25	1	☽ cum									
23	g		2	44	13	25	15	0	2	17	27	1										
24	a	Sun r. 8. 11	13	45	25	35	15	1	2	18	28	1	Frosty									
25	b	Christ's N.	14	46	7	13	16	1	2	19	29	0	* ♄ ♀									
26	c	S. Stephen	15	47	19	28	16	1	3	21	✓	0	* ☉ ♂									
27	d	S. John	16	48	1	✓	20	16	1	3	22	3	0	△ ♂ ♂								
28	e	S. Innoc.	17	50	13	13	16	1	3	23	4	0	with									
29	f		18	51	24	13	16	1	4	24	6	0	some									
30	g	Sun r. 8. 6	19	52	7	V316	16	2	4	26	7	0	snow on									
31	a	Silvester	20	54	19	27	16	2	5	27	9	0	rain.									

December, 1689.

New Moon the 1 day, at 8 at night.

First Quarter the 9 day, at 6 at night.

Full Moon the 16 day, at 10 in the morning.

Last Quarter the 23 day, at 11 in the morning.

New Moon the 31 day, at noon.

Lunar Aspects.

Remarkable Observations.

	11	4	♂	♀	♂
8	*	△			
20	17				
*	6	□	*	*	
□	6	6			
18	♂	*	□		
21	12	19	□		
△	10	32	△	△	
4		8	23		
6					
*	♂				
8	9	8			
12	□	8			
11	22	8			
△	*	12			
10	11	30			
13	□				
□	11	△	△		
13	8	△	7	23	
*	14	16	□		
9	18	16	□		
□			11		
23		*			
△	8	7	*		
♂	10	14	16		
16	18				
□					
c					
*	△	♂			
*	13	18	♂		
8					

In this Month plant *Vines* and *Stocks* for grafting. Sow yet *Pomace* of *Cyder*, pressings for *Nurseries*; set *Kernels* of all sorts, *Stones*, &c. Trench Ground, and Dung it for *Borders*, planting *Fruit-Trees*. Turn and refresh *Autumnal Fruit*, opening the windows on clear days; preserve your choicest *Anemonies*, *Cornations*, &c. from great *Rain* and *Frost*; set *Bayberries* dropping ripe; prune and nail *Standard-Trees*, and *Wall-fruit*, and cover your *Fountain-pipes* with fresh and warm *Litter* out of the *Stable*, &c.

LAUS DEO.

80
December

The Dominion of the Moon in Man Body, as She
passeth under the twelve Signs of the Zodiac.

♈ Aries, Head and Face.	♎ Libra, Reins and Loins.
♉ Taurus, Neck and Throat.	♏ Scorpio, Secret Members.
♊ Gemini, Arms & Shoulders.	♐ Sagittary, Thighs and Hips.
♋ Cancer, Breast and Stomack.	♑ Capricorn, Knees.
♌ Leo, Heart and Back.	♒ Aquarius, Legs.
♍ Virgo, Bowels and Belly.	♓ Pisces, Feet.

The Characters of the Seven Planets with the
Dragons Head and Tail.

♄ Saturn, ♃ Jupiter, ♂ Mars, ☉ Sol, ♀ Venus,
☿ Mercury, ☾ Luna, or the Moon, ☊ Dragons head
☋ Dragons tail.

The Aspects, both old and new.

- ♄ Conjunction, when Planets are in one sign and degree.
- SS Semisextile, when they are distant one sign.
- * Sextile, when they are asunder two signs.
- Q { Quintile, when distant one from another, two signs
twelve degrees.
- Quartile, when they are three signs distant.
- TD { Triderile, when they are asunder three signs, eight
teen degrees.
- △ Trine, when they are parted four signs.
- Bq { Biquintile, when they are distant four signs, twenty
four degrees.
- Vc Quincunx, when they are asunder five signs.
- 8 Opposition, when they are six signs one from another.

THE REGAL TABLE
of the Eclipses of the Luminaries that
happen in this Year, 1689.

IN this Year, the Inhabitants of this our
Earthly Star, shall have happen unto
them two Eclipses, and both will be of
the Moon, and they happen as followeth,

The first will be on the 25th day of
March, about 3 Quarters of an Hour past
of the Clock at Night, and will be both
Central and Total, and its Effects will ap-
pear of great Consequence, &c.

The second will happen on the 19th day
of September, a little past two in the Morn-
ing, being likewise both Central and Total,
and happeneth in the 7th degree of Aries,
these two Eclipses are famous, and worth
Observation.

The REGAL TABLE, from the time that
ENGLAND was first so called by Egbert
until 1689.

Kings Names.	Reig. bega A.C.	Reig. ended	Kings Names.	Reig. bega A.C.	Reig. ended
K. Egbert	818	18	Richard 1.	1189	1199
Ethelwolf	836	21	King John	1199	1216
Ethelbald	857	1	Henry 3.	1216	1272
Ethelbert	858	5	Edward 1.	1272	1307
Ethelfred	863	10	Edward 2.	1307	1327
Alfred	873	27	Edward 3.	1327	1377
Edward 1 Saxon.	900	24	Richard 2.	1377	1399
Ethelston	924	16	<i>Line of Lancaster</i>		
Edmond 1.	940	6	Henry 4.	1399	1413
Edred	946	9	Henry 5.	1413	1422
Edwin	955	4	Henry 6.	1422	1460
Edgar	959	20	<i>Line of York</i>		
Edward 2 Saxon.	979	3	Edward 4.	1460	1483
Ethelred	982	34	Edward 5.	1483	1483
Edmond 2.	1016	1	Richard 3.	1483	1485
<i>1. Anglo Line.</i>			<i>Families United</i>		
Canutus 1.	1017	20	Henry 7.	1485	1508
Harold 1.	1037	3	Henry 8.	1508	1547
Canutus 2.	1040	2	Edward 6.	1547	1553
Edward Confes.	1042	23	Queen Mary	1553	1558
Harold 2.	1065	2	Q. Elizabeth	1558	1602
<i>Norman Line.</i>			<i>Kings United</i>		
William Conqueror	1067	20	James 1.	1602	1625
William Rufus	1087	13	Charles 1.	1625	1648
Henry 1.	1100	35	Charles 2.	1648	1685
King Stephen	1135	19	James 2.	1685	
<i>Saxon Line rest.</i>			<i>whom God preserve.</i>		
Henry 2.	1154	35			

Fear God, Honour the King.

1073

Dr. King

22



1689.

March,

d. h. / //

2-7-19-19. P.M.

à Δ h ad * Q.

B

Of

Davis, 1689.

Of S U M M E R.

THe Summer, called in Latin *Æstas*, derived of *Æst* from the exceeding heat, so also doth the English word *Summer* express it, it being a German word, and signifieth *Sun-moth*, that is, *plus solis*, or more Sun than at other times; this red-lipt, lively-fac'd, rosie-fingered Damsel comes to her Coronation, and hapeneth this year on the 10th of June, at 41 Minutes past 9 in the Afternoon making the longest days to all Northern; and shortest days to all Southern Inhabitants.

Of A U T U M N.

THe Autumnal Quarter taketh its Name from *Autumnus*, which signifieth to make ripe, or is it called *Autumnus* from *Augeo*, *quia tunc fruges Augentur*. It takes its beginning when the Sun enters the first Scruple of \cap , producing the second Equinox to all on this side of the Polar Circles: It takes its beginning this year on the 12th day of September, at 13 min. past one in the Afternoon. The Quarter continues part of September, all October, November, and part of December.

Of W I N T E R.

THe Winter is called *Hyems*, *quia multi imbres*, because it brings wet slabby weather, we account it the last Quarter, others have accounted it the first, for this reason, *Quia tunc Sol ad nos ascendere incipit*; because the Sun then begins to ascend unto us; this Season taketh its beginning this year on December the 11 day, at 23 min. past of the Clock in the Morning, the Sun then entering the first Scruple of the Southern Tropical Sign ϖ , making with us our shortest Day and longest Night.

A short Discourse of Natural Philosophy.

THe whole Subject of Natural Philosophy falls under these three Heads.

1. The Heavens.
2. The Air.
3. The Earth.

The first treats of the Nature of the Stars, their Form and Magnitude, the substance of the Heavens, whether solid or not, or whether they move of themselves, or be moved by any thing else; whether the Stars be below them, or fixed in their Orbs; in what manner the Sun divides the Seasons of the year, &c.

2. The second part enquires into the reason of things betwixt the Heavens and the Earth, as Clouds, Rain, Snow, Thunder, &c.

3. The third hath a regard to the Earth, and the things proceeding therefrom, as the difference of Soils, Minerals, Metals, Plants, Groves, &c.

What can be more worthy of admiration, than the Sun and the Stars in their Courses and Glory? And yet so long as Nature goes on in her ordinary course and way; there's no body (as it were) takes notice of them or regard them; but when any thing falls out wonderful, or beyond expectation and custom, what a gazing, pointing, and questioning presently there is about it: and then the People gather together, and are almost at their Wits end, not so much at the importance of the matter, as at the Novelty.

Every Meteor sets the people in amaze to know the meaning of it, and what it portends, and whether it be a Star or a Prodigy, so that it is worth the while to enquire

into the Nature and Philosophy of those Lights, that by discovering the reason, we may thereby apprehend the nature of them, at least in some measure, though we are so often clouded with the Vail of Obscurity, there are many things which we know to be, and yet we know nothing at all of them, and what they are, Is it not the mind that moves us, and restrains us? But what that ruling power is, we do no more understand, than where it is; one will have it to be a spirit, another will have it to be a Divine Power, some only a subtile Air, others an Incorporate Being, and some again will have it only Blood and Heat; nay, so far is the Mind from a perfect understanding of other things, that it is still in search of it self.

It is not long since we came to find out the cause of Eclipse, &c. and further experience will bring more things to light, which are as yet in the dark.

But one Age is not sufficient for so many Discoveries, it must be the work of Successions and Posterities, and the time will come when we shall wonder that Mankind should be so long ignorant of things that lay so open and so easie to be made known; the exact truth of things, is only known to God, but it is yet lawful for us to enquire and to conjecture (though not with too much confidence.) There is not any thing which can promise to its self a lasting quiet, and it is no small Comfort to us, the certainty of our Fate; for it is a folly to fear, where there is no Remedy.

There is not any thing done according to the course of Nature, which is not either the cause or sign of something which follows: So that wheresoever there is order, there is place for Prediction, but there is no judgment to be given upon Accidents: Now, tho' it be a very hard matter to arrive to the knowledge of things to come, and to predict particularly what shall hereafter fall out upon a certain knowledge of the power and influence of the Stars: It is yet unquestionable, that they have a power, though we cannot expressly say what it is.

In the Subject of Thunder there are several Opinions as to the signification of it, the Stoicks hold, That because the Cloud is broken, therefore the Bolt is shot (according to common Speech) others conjecture, that the Cloud is broken to that very end, that it may discharge the Thunder-bolt, referring all in such sort to God, as if the signification did not arise from the thing done, but as if the thing it self were done for the significations sake, But whether this signification goes before, or follows, it comes all to the same point. There are three sorts of Lightnings, the first is so pure and subtile, that it pierces through whatsoever it encounters. The second shatters and breaks every thing to pieces, the other burns either by Blasting, Consuming, Inflaming, or Discoulouring, &c.

The Motions of the Stars, and their Influences, are acted by the Command of an Eternal Decree: It is by the Dictate of an Almighty Power, that the Hoary Body of the Earth hangs in Ballance. He that lives according to reason, shall never be poor, and he that lives and governs his Life by Opinion, shall never be Rich, for Nature is limited, but Fantasie is boundless; 'tis the Mind that makes us rich and happy, in what condition soever we are.

We must undergo the Colds of Winter, the heat of Summer, the Distempers of the Air, the Diseases of the Body.

It is the interest of the people, by the consent of all Nations, to run all hazards for the safety of their Prince, and by a thousand Deaths to redeem that Life upon whom Millions depend, what can be fairer, than for a Prince to live the Object of his Peoples Love, to have the Vows of their Hearts as well as of their Lips, and his Health, and Sickness their common Hopes and Fears; there will be no danger of Plots: Nay, on the contrary, who would not freely venture his Blood to serve him, under whose Government, Justice, Peace, Modesty, and Dignity flourish? Under whose Influence Men grow rich and happy, whom

whom Men look upon as the true Representative of the Almighty; they consider him when he is Gracious and Bountiful, and imploy his power to the advantage of his Subjects.

Wild Beasts, when they see their dangers, fly from them, and when they have scaped them, they are quiet; but wretched Man, is equally tormented both in things past, and to come.

We are carried up to Heaven, and down again into the Deep by turns, so long as we are govern'd by our Affections, and not by Vertue.

Passion and Reason are a kind of Civil War within us, and as the one or the other has Dominion, we are either good or bad: Who is there, that upon sober thoughts would not be an Honest Man, even for the Reputation of it? Every Man knows, without telling, that this wonderful Fabrick of the Universe is not without a Government, and that a constant Order cannot be the work of Chance, for the parts would then fall foul one upon another. When comes the Revolution of Seasons, and the flux of Rivers? To say nothing of those that seem to be irregular, and uncertain; as Clouds, Rain, Thunder, the Eruptions of Fire out of Mountains, Earth-quakes, and those Tumultuary Motions in the lower Region of the Air, or what shall we say of the Ebbing and Flowing of the Ocean.

A Table for the Purchase of Leases or Annuities.

At 5 per Cent		At 6 per Cent		At 8 per Cent		At 10 p. Cent	
Years	months	Years	months	years	months	Years	months
1	0	11	0	11	0	11	0
2	1	10	1	10	1	9	1
3	2	9	2	8	2	7	2
4	3	7	3	6	3	4	3
5	4	4	4	3	4	0	3
6	5	1	4	11	4	7	4
7	5	9	5	7	5	2	4
8	6	6	6	2	5	9	5
9	7	1	6	10	6	8	5
10	7	9	7	4	6	9	6
11	8	4	7	11	7	2	6
13	9	5	8	10	7	11	7
15	10	5	9	9	8	7	7
17	11	3	10	6	9	1	8
19	12	1	11	2	9	7	8
21	12	10	11	9	10	0	8
23	13	6	12	4	10	4	9
25	14	1	12	9	10	8	9
27	14	2	13	3	10	11	9
29	15	2	13	7	11	2	9
31	15	7	13	11	11	4	9
41	17	1	15	1	11	11	9
51	18	3	15	9	12	3	9
61	18	11	16	2	12	4	10
71	19	4	16	5	12	5	10
81	19	7	16	6	12	6	10
91	19	9	16	7	12	6	10

The Value of the Purchase in

The Value of the Purchase in

The Value of the Purchase in

The Value of the Purchase in

The Use of the Table.

If you would know what a Lease or Annuity for 21 (or any other number of) Years is worth in present Money, at 5, 6, 8, or 10 l. per Cent. Comp. Interest, look in the Table against 21 years, and you shall find, that ye. mo.

21 years at $\left\{ \begin{matrix} 5 \\ 6 \\ 8 \\ 10 \end{matrix} \right\}$ pound *cent.* is worth $\left\{ \begin{matrix} 12 & 10 \\ 11 & 9 \\ 10 & 0 \\ 8 & 11 \end{matrix} \right\}$ Purchase, whatever the Rent be yearly.

*An Excellent Rule for Husbandmen, and
Gardiners.*

WHich Rule *Miraldus* borrowed from *Zoroaster*, and I from him, and it is true according to the Experiment of the *Egyptians*; he calls it, *Prognosticum fertilitatis vella sterilitatis seminum quocumcunque*, but for Experiment sake, do thus; take every year twenty or thirty day before the Cosmical, or Morning rising of *Procyon*, or the little Dog-star, which with us in *England*, is about the eighteenth or nineteenth day of *July*, but it varies in rising in different Meridians, although *Cardan* said, *Canis non Mordet in Anglia*.

Take about the eighteenth or twentieth days of *June* a few sound Seeds of what Grain you please, and Set, or Sow them in some good ground in some convenient place, making distinction, that you may know them one from another, and if the Weather shall exceed in heat, and dry over much, water them in fit season, with water that hath stood and received the heat of the Sun, twelve or thirteen hours, so that the Seed projected upon the ground may bud forth before the rising of the said Star; this done observe at the several risings, which of the Seeds so Sown or Set, sprout forth fresh, green, and unhurt, and still so continue, you may truly predict, that that sort of Grain shall flourish, and come to be very good in that year; but that which cometh forth flagged, withered, or wrinkled, and has lost its Colour and Beauty, you may safely say that that Seed, or Grain, shall come to little or nothing and prove naught, and unprofitable.

A Description of England in General.

THIS Kingdom of *England* is in length from *Berwick* in the North, to the *Isle of Wight* in the South, 320 Miles; and in breadth, from *Dover* in the East, to the Lands end in *Cornwall* in the West, about 300 Miles; its Compass is about 1300 Miles, its form is much like an Axe or Hatchet, and the whole contains about 30 Millions of Acres, which is near one thousand part of the Globe of the Earth and Sea, and is the 333^d. part of the yet discovered part of the Habitable World.

This Kingdom of *England* and *Wales* consists of as followeth, viz.

Counties	52	Bishopricks	24
Islands	08	Deanaries	60
Cities	25	Arch-Deanaries	
Market Towns	713	Prebendaries, &c.	544
Parishes	9725	Hundreds	768
Arch-Bishopricks	2	Cinque-Ports	7

V I Z.

<i>Dover</i>	} in <i>Kent</i> .	<i>Hastings</i>	} in <i>Sussex</i> .
<i>Winney</i>		<i>Rye</i>	
<i>Sandwich</i>		<i>Seaford</i>	
		<i>Winchelsea</i>	

A Table for the Gauging and finding the full Content of
a Barrel, Pipe, Butt, Puncheon, Hoghead, or small
Cask, either in Wine, or Ale Measure.

Inch.	Wine		Ale		Inch	Wine		Ale		
	G. par.		G. par.			G. par.		G. par.		
Diameter in Inches, at Head, or Bung.	1	0	001	0	001	31	1	089	0	892
	2	0	004	0	004	32	1	160	0	951
	3	0	010	0	008	33	1	234	1	011
	4	0	016	0	015	34	1	310	1	075
	5	0	028	0	023	35	1	388	1	135
	6	0	041	0	033	36	1	469	1	203
	7	0	056	0	045	37	1	551	1	271
	8	0	072	0	059	38	1	636	1	341
	9	0	092	0	075	39	1	724	1	412
	10	0	113	0	093	40	1	813	1	445
	11	0	137	0	112	41	1	904	1	561
	12	0	163	0	134	42	2	000	1	638
	13	0	192	0	157	43	2	096	1	717
	14	0	221	0	182	44	2	194	1	797
	15	0	255	0	208	45	2	295	1	880
	16	0	296	0	238	46	2	398	1	965
	17	0	328	0	268	47	2	504	2	051
	18	0	367	0	301	48	2	611	2	139
	19	0	409	0	335	49	2	721	2	219
	20	0	453	0	371	50	2	833	2	321
	21	0	500	0	409	51	2	948	2	415
	22	0	549	0	450	52	3	065	2	510
	23	0	600	0	491	53	3	184	2	608
	24	0	653	0	535	54	3	305	2	707
	25	0	708	0	580	55	3	428	2	808
	26	0	766	0	628	56	3	554	2	911
	27	0	826	0	677	57	3	682	3	016
	28	0	888	0	728	58	3	813	3	123
	29	0	933	0	781	59	3	945	3	232
	30	1	020	0	836	60	4	080	3	341

The use of the foregoing Table.

Take the Diameter at the head of the Vessel, and the Diameter at the Bung in Inches, with both which enter the Table, and the Sums that you find against the two Diameters, take from the Table, repeating twice the number found against the Bung; then add these three numbers together, the Sum multiply by the length of the Vessel found in Inches from inside to inside, the Product cutting off three Figures towards the right hand, will shew you the Gallons, and parts of a Gallon that the Vessel holdeth, &c,

Example.

A Cask whose Diameter at head is 25 Inches, at the Bung 34 Inches; and in length, 46 Inches: How many Gallons is contained therein in Wine and Ale measure.

		Wine.	Ale.
Diameter at Head	25	0 708	0 580
Diameter at Bung	34	1 310	1 075
Repeated		1 310	1 075

	3 328	2 730
Length	46	46

Content of the Vessel in Gallons—153 088 | 125 580

The Content of the Vessel is { 153 088 Wine
125 588 Ale

Note, That 125 parts is a Pint, 250 a Quart, 375 is 3 Pints, 500 is 2 Quarts, 625 is 5 Pints, 750 is 3 Quarts, and 875 is 7 Pints,

To find the Hour of the Day by this Table.

First divide your Staff be it of what length you please into 100 parts, which ought to be numbered at every 10, by 10, 20, 30, &c. to 100.

Your Staff being thus prepared, in some plain, level place, erect your Staff perpendicular, or set it upright and note the place where the end of the shadow falls upon the ground, then measure the length of the shadow in Staffs lengths, and hundred parts of one length, according as 'tis numbered.

Example.

Suppose that upon the 6th of May I find the Shadow of my Staff to contain twice his length, and 24 parts more wherefore I look in my Table for the 6th. of May, and casting my Eye along that Line towards the right hand 2.24 to stand in the 7 Column, at the head whereof is the figures 7.5. which tells me, that it is either 7 of the Clock in the Morning, or 5 in the Afternoon, it being so easily it needs no farther Explanation.

*Mend (Friendly Reader) what escapes amiss,
And then it matters not whose fault it is ;
For all Men sin, since Adam first transgress'd,
The Printer sins, I sin much like the rest ;
Yet here our Comfort is, tho' both offend,
We to our Faults can quickly put——*

A N E N D.

ADVER

Advertisement.

THe Author hereof, *William Davis*, does shortly intend (if God spare life) to make Publick, a small Piece, Intituled, *The Surveyors Companion*, teaching both Artift and Country-man, by a short and speedy way to Survey, and Measure Inclofures, or Land lying in common Fields, Wood Lands, or great Plains, and with great ease and exactness, to find the true Content thereof, &c.

Art's Professed by the Author, viz.

Arithmetick, both Vulgar and Decimal, Geometry, Trigonometry, Astronomy, Dyaling, Gauging, Measuring of Board, Timber, and Stone, be it never so Irregular.

Pills made by the Author, that Cures to Admiration, the Scurvy and Dropsie, and many other Maladies incident to the Body of Man.

Also

Also he maketh an excellent Balsam, that
Cures any Green Wound, old Ulcer, or run-
ning Sores, Swelling, &c. and speedily abate-
th, and taketh away Inflammations, and safely
Cureth the worst of Burns, or Scaldings.

*The Author hereof is to be spoken with at the Red
Lyon in Broomham, Mondays, Wednesdays
and Saturdays, and Resolveth all Lawful Astro-
logical Questions; and there any Person may
have my Pills and Balsom, with Directions for
the taking thereof gratis.*

FINIS.

